

Geographic Information System (GIS)

GIS is a computer based system that contains information about the world that has been abstracted and simplified into a digital database of spatial and nonspatial features. It permits the capture, maintenance, retrieval, integration, visualization and analysis of georeferenced data. "GIS allows us to view, understand, question, interpret, and visualize data in many ways that reveal relationships, patterns, and trends in the form of maps, globes, reports, and charts."

California's counties, universities and state departments have been utilizing GIS to create geographic references of the most current and accurate parcel data of their counties. For further information, take a look at what they're doing:

California GIS Map and Information Sites by Coordinated Legal Technologies

This site lists all of the counties that are currently utilizing GIS and GIS Interactive Mapping tools throughout California

<http://www.coordinatedlegal.com/gis.html>

Humboldt State University Library, Digital Spatial Data of the world, California, California (Northwestern) and the United State

<http://library.humboldt.edu/~rls/geospatial/intgis.htm>

University of California, Berkeley, GIS in the Earth Sciences and Map Library

<http://www.lib.berkeley.edu/EART/gis.html>

Legal Services of Northern California, GIS Mapping Resources

This site provides links to those Northern California counties utilizing GIS

http://www.lsnr.net/?page_id=88

Merced County Association of Governments

<http://www.mcagis.com/>

Southern California Association of Governments

<http://www.scag.ca.gov/mappingGIS.htm>

Calaveras County Geographic Information Systems

<http://co.calaveras.ca.us/departments/gisproj.asp>